

Title (en)
METHOD FOR REMOVING IMPURITIES FROM SHREDDED PLASTIC

Title (de)
VERFAHREN ZUM ENTFERNEN VON VERUNREINIGUNGEN AUF KUNSTSTOFFSCHNIPSELN

Title (fr)
PROCÉDÉ DE SUPPRESSION D'IMPURETÉS PRÉSENTES SUR DES COPEAUX DE MATIÈRE PLASTIQUE

Publication
EP 2734302 B1 20160420 (DE)

Application
EP 12740310 A 20120713

Priority
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Abstract (en)
[origin: WO2013010654A2] Disclosed is a device for removing impurities from shredded plastic, comprising a first cleaning disk with a first cleaning surface and a second cleaning disk with a second cleaning surface, the cleaning surfaces facing each other and defining a cleaning gap therebetween. The device further comprises a driving device that allows at least one of the cleaning disks to rotate about the rotational shaft thereof, and a feeding mechanism for feeding shredded plastic between the cleaning disks. The cleaning surfaces of both cleaning disks have a plurality of cleaning ribs extending between an inner edge and an outer edge of the cleaning surfaces. At least one side of the cleaning ribs is inclined or curved relative to the axial direction of the respective cleaning disk, and multiple cleaning webs extending transversely to the direction in which the cleaning ribs extend are arranged between at least some adjoining cleaning ribs. The invention further relates to a corresponding method.

IPC 8 full level
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